



## N Female to SMB Plug Adapter

### RF Adapters Technical Data Sheet

PE9316

#### Configuration

- N Female Connector 1
- SMB Plug Connector 2
- 50 Ohms
- Straight Body Geometry

#### Features

- N Interface compliant with MIL-C-39012
- SMB Interface compliant with MIL-C-39012
- Gold Plated Beryllium Copper Contact
- 3 µ-in min Gold Contact Plating

#### Applications

- Allows Connection Between Series
- General Purpose Test

#### Description

Pasternack's PE9316 type N female to SMB plug adapter is part of our full line of RF components available for same-day shipping. Our type N to SMB adapter has a female to plug gender configuration.

RF adapters are often used to enable connections between two connector types that would otherwise not mate. Certain adapter configurations can also be used to protect connectors on expensive equipment where the number of connect/disconnect cycles is high. An RF, microwave or millimeter wave adapter is connected to the equipment, and the commonly changed connection is made with the adapter which can be easily replaced when it wears out after high usage; such adapters are referred to as connector savers. Pasternack also offers bulkhead, panel mount, hermetically sealed, reverse polarity, and isolated ground adapter varieties to serve all of your RF, microwave and millimeter wave needs.

#### Mechanical Specifications

##### Size

Length	1.375 in [34.93 mm]
Width	0.625 in [15.88 mm]
Weight	0.075 lbs [34.02 g]

Description	Connector 1	Connector 2
Type	N Female	SMB Plug
Polarity	Standard	Standard
Interface Specification	MIL-C-39012	MIL-C-39012

#### Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	N Female		SMB Plug	
Contact	Beryllium Copper	Gold 3 µ-in minimum	Beryllium Copper	Gold 3 µ-in minimum
Insulation	PTFE		PTFE	

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Female to SMB Plug Adapter PE9316](#)



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Outer Conductor	Brass	Nickel	
		100 µ-in minimum	
Body	Brass	Nickel	
		100 µ-in minimum	
Coupling Nut	Brass	Nickel	
		100 µ-in minimum	

#### Compliance Certifications (see [product page](#) for current document)

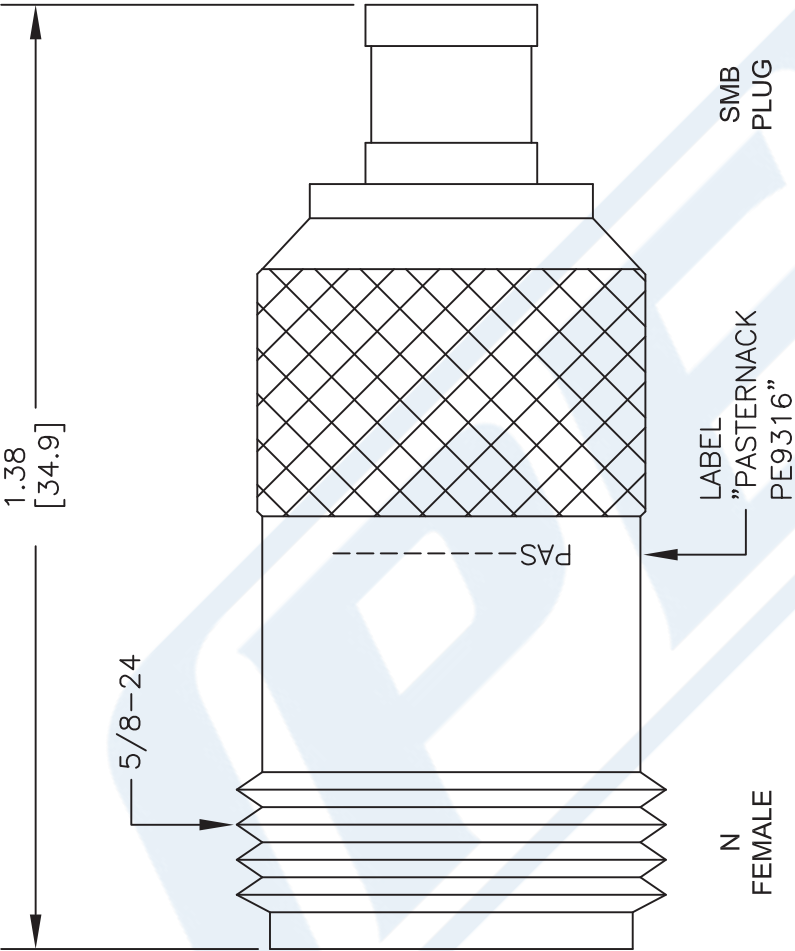
N Female to SMB Plug Adapter from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Female to SMB Plug Adapter PE9316](#)

URL: <https://www.pasternack.com/n-female-smb-plug-straight-adapter-pe9316-p.aspx>

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

PE9316 CAD Drawing  
N Female to SMB Plug Adapter



STANDARD TOLERANCES	
.X	±0.2
.XX	±0.1
.XXX	±0.05

\*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES

**PE PASTERNAK®**  
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DWG TITLE  
**PE9316**

NOTES:  
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.  
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.  
3. DIMENSIONS ARE IN INCHES [mm].

FSCM NO. 53919

CAD FILE 061316

SCALE N/A

SIZE A

2233